# AMEGRAW-HILL PUBLICATION WEEK





# MACWHYTE "SAFE-LOCK" **TERMINALS**

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# Vol. 40 No. 16

News Strickplas New Devet

Headline News

April 36, 2946. IT Financial.....

Industry Observer Engineering-Productors 18 Edward

Robert B Hatt. Executive and Educated Offices, 100 W, 42nd Sc, New York 10, N. Y., National Press, 14th, Washington & D. C.

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GENERAL (MELECTRIC AVEATION WEEK, Awd 26, 1941

# Aircraft ball bearing development in step with aviation progress



FAFNIR Rall Rearing

AVIATION WIFE, April 26, 1940



HE forging shown above, over six feet in length, is used in the fuselage structure of one of the fastest aeroplanes in the world. It is forged from 75-S aluminum alloy and is one of the largest die forgings ever attempted in this difficult material. The availability of such forgings opens new opportunities for aircraft builders to simplify and improve many structures which heretofore of necessity have been built-up assemblies—all of which will promote increased quality and performance, together with decreased costs, and thus further enhance the superiority of American aircraft design.

Standard of the Industry for More Than Sixty Wears

# WYMAN - GORDON

HARVEY, ILLINOIS

Forgings of Aluminum, Magnesium, Steel WORCESTER, MASSACHUSETTS, U. S. A. DETROIT, MICHICAN

## **NEWS SIDELIGHTS**

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# **NEWS DIGEST**

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FINANCIAL Fundahi Forier and Ambre Coss's

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AVIATION WEEK, Awd 26, 2940

# some Short jottings for airline operators and their crows



# What does the modern business man want . . .? Who cays he'd in a hurry?

As are travel becomes more and spore as exercise offer the New to got him there on time . . . No same as wasted where schedules one he rigidly kept and the

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# PROVED. RELIABLE PRODUCTS

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SHOP FOUIPMENT OF STEEL





April 26, 1948

# First Moves Made to Step Up Production

Wright, Bell, Boeing set for new business; other

companies report plans. Industry spefight nac on praces:

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AVIATION WINE And IN PART

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# Military Aircraft Available for 1949 Procurement

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Flying Boats Sold



New Air Force Test: The Senate 70-Group program whinned through House as Vincon.

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HEADLINE NEWS





Hughes vs. Brewster: Last Chapter Senate committee report criticizes aircraft builder and recommends four chances in procurement methods.

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CAP Progress

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Thunderiets Take Over Active Duty

14th Fighter Wing puts P-S4B through graeling winter shakedown. Let fighter mose in quantity production.





# Castering Gear for Transports

Successful demonstration at Washington National Airport may make possible the use of one-runway airstrips. By ALEXANDER MeSURELY When a Paper Cub lended encoured on the singlane under repervision of a new ago with the sad of a contenue. Denield B. Donbetle, experies, and Ed.

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# NATA Western Drive

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News From Museum

# INDUSTRY OBSERVER

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P North Assession XPAs is more before fitted with a General Floring TC.198 turboct curran deliveriar 6000 lb. state thrust. The mercand newer is expected range, one. The term of humanics fighter festions a help, "and" hospital of the Recable PA4 Thursdenet father sendent convenies of the emit late at phetoeiner approches! While the custoffstien of conces compensat in the Lock need P-60 second a sample design problem, due to its using or nation, preliminary desires studies on a abote-PA4 hose nevert the idea inscrutted

eraft Engineering Costs for accommonst of a USAF version of the XBR2F-1 revolution. Art Force place on tex reache dates for the new cost Final lose amagnests have been signed for the occupancy of plant B of the working North American Dallas, Tru., sariffy by Charge Voucht Aircraft Distant, United Assent Corp., for unduction of the Vosele Foll-1 Posts act fighter. Feemed occupracy in shifed to becaus May I with prediction booking completed by early fell. Deliveries on Navy contract for 10 fighters are scheduled of Studiosi. Comp. wat I consistion of the evident content lets the year.

AVIATION CALENDAR Music Air Face Box bave permitted the airphase to develop its full performance \*pr 84-82—Third second Engineers Air Three, Judgmertte, Fig. 2pr 85—52-00 Institution Springs Purpose 1pt 15—52-00 Austrian Differentials Second Annual Printer Statements of Lealing, Washington, 17 bloks avoid the trouble-players greekens of the countre-cyclone deal groseller arrangement on the postotype

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HEADLINE NEWS

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# ENGINEERING & PRODUCTION

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# Another step towards greater airline safety

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# KOLLSMAN AIRCRAFT INSTRUMENTS





CANADIAN AVEO JET TRANSPORT

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# BRIFFING PRODUCTION NEWS

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\* ArRogards Manufacturing Co., Los Anades, his correct a contract to replace

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Long Range Buying

#### New USAF Office Ar Toros Procesogent Publ Office

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# Agrongatical Corporation - Wead-Biden, New Jares AVIATION WICK, April 26, 1945



# X-RAYS GET THE INSIDE STORY

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# All-Weather Airway: 15-Year Job

Target system of RTCA to cost nearly a billion dollars and improve sirways efficiency more than 50 percent.

#### By BOBERT BOTZ

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AVIATION WEEK, Aur. 26, 1948 ENGINEERING-PRODUCTION stonesses which are considered to be Renegreh Review

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# A NEW BOOK to help you

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CARNEGIS-ILLINOIS STEEL CORPORATION



NITED STATES



# Landing Impact Vibration Studied

National Bureau of Standards undertakes long-term investigation of transient vibration of plane structure in effort to help design,

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# Airfoil Fuselage: More Lift and Cargo?

Burnelli "fixing wing" tested in Lahrador with backers. \*Openhant Observation-Tix dud claiming it has executional cold weather performance. for complete on entirene rold worker. It finise Data. The rold has an exercit

\*Lander Fighter-Is one care yer

For light private plane or commercial giant... there's more HPR" in IGNITION CABLE Maintenance records for all types of planes prove that Packard high-altitude aircraft ignition cable gives more HPR-more \*Hours Per Renincement. For this coble is different in design. in materials, in construction . . . engineered for areater mechanical and dielectric strongth. Its improved resistance to heat, cold, ail, corona, moisture and abrasion safeguard performance under all canditions. Specify Perhand biobustitude aircraft janition cable for more "Hours Per Replacement.

# new world's allitude record by Do Mavilland Nampiro'

JOSEPH LUCAS LTD., BIRMINGHAM, ENGLAND
INICIAITS IN FULL SYSTEMS, COMMISSION & STARTING EQUIPMENT

NEW AVIATION PRODUCTS



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Fog Light

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AVIATION WEEK, April 26, 1948

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AVIATION WIEX, April 36, 1946

EBING-PRODUCTION

# SALES & SERVICE

# Air Education: JAYCEES Project

U. S. Janior Chamber of Commerce gives its highest princity to local drives to increase aviation activity.

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# Garside Named To NATA Post



AVIATION WEEK, April 26, 2949

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# Arrival Notification

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AVIATION WEEK, Ased 26, 2949

Varahond Catches On

# 'Sky Merchant' Returns

AVIATION WEEK And 56 1945

BRIEFING FOR DEALERS & DISTRIBUTORS

THOSE TOUGH NAVIONS-As a sequel to the recent story about the Novice and the Indexe (Accepted Work Merch 20) Brown Bill Worser has used in a were about a Terror helicitests; where the helicitests olds recording olds in Terrosensor to have been larger than on where else. Chapters from the Austra proces was something in Wagner's note shout some ampliants pushed and at Manacopal radiacy book a bende beating from the half. And when the storm stopped colly one of the 71 phases parked was still assentite-all on account of its mured constaution. There present one given so to what hind of an all metal few places

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# Now! An Even Bigger, Better Flying Boxcor -The Fairchild Pocket C-119

Sometime new to the six-Out of the tried and passed first plane ever designed specifically for congressiving has come than latest excutree of Freschild carr-

Like the outpinal C-82 Packet, the C-119 Fairchild, the Air Force and the Trees Car-With increased payload, speed and climb.

the see Packet can transport 12 year of men, equipment and supplies 1900 unles necessor. As se ambehance place it is openped to carry 36 filter patients and ottendants. This new Flying Boxes; increparates im-

Army . . and of Funchild engineering and

# Fairchild Aircraft Decrease of Farchald Engues and Arphae Corporation, Negeristana, Maryland



# FINANCIAL

## Mail Rates: Self-Sufficiency the Key In proposing new rates for five major trunklines, CAR feels way toward long-desired relative vardsticks.

The stocks Civil Accomptics Board than controlly operations without so will now became the 'Ber Free days were a deep dropped atment to the writers marked. They had had so-

► Self-Sufficiency Concept—The Board a mail not safe is ealy an apportunity to has indicated are self-refficient to The connect is further advanced

Board classified a stress of bear cheracfrom that corner's transition to a trans- \* Buttan-All five communication rated

CAB stated, revertibles, that "It

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P. Fennetter Effect. The decision con-

# AIR TRANSPORT

# Third Crewman: Flight Engineer

CAR orders on addition to Birly order on the DC-6s and Stratocoulers after Dec. 1. DC-4s may be affected.

The Donato DC+ and Borne tree of management. Leaferone proa field prompt in addition to the and amost manuscripts finds upon Non application promiliated by # Resiliation Adopted-Print, hour not DC 1, under cocumitation where at its introduction adopted a revolu-

\* Better Observators-Wood and semembers ATA sureled that care

► Conguisons Made - Management

# The Birdmen's Perch

By Major Al Williams, AUAS, "TATTERED WING TIPS," Gulf Avietics Preducts Monager Gulf Ride. Printered 30. Fo.

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# PROVEN IN SERVICE

A 64 TAXABLEST new being flown by two formers person. of the USAE.... the 74h, based at Day Ac Facce Rase. Bongar, Me , and the 20th of Show Air Force Rose, Swater, 8 C, ore doly demensioning the high efficiency of the, the

PERMIT AWATION CORP. FARMINGDAGE L. J. N. Y. "This is the Year of the Shandwist"

BEPUBLIC & AVIATION Makes of the Mighty Throubabelt - Thursdayist - XF-12

AVIATION WEEK, April 26, 2660 AVEATION WEEK, April 26, 2940



Lightweight Transport Readird for Testing Acro Diore & Earmonner Corp's After about toe book of texture, the

that fight engineers' per overages smooth \$500 months. According and counting 90 DC is the unusur. eagment Added stage expense for these two reserved DC/s would be

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Consolidate Maintenance

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# Alaska Airlines Stresses Cargo Freight revenue, comprise 61 percent of carrier's gross

income in fiscal 1947. Expansion planned. PAA MAKES FUR FLY

Airline Group Appointed To Work With Military

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# Packyderm Problems

C-46s Purehased

# CAR SCHEDULE





AVENTION WEEK, April 26, 1945

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Airline Dilemma

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